

SEQUENCE LISTING

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MAY 12 2000

TECH CENTER 1600/2900

102

150

198

<110> Hope, Ration Mclauchlan, John

<120> VIRAL THERAPEUTICS

<130> DYOU17.001AUS

<140> 09/201916 <141> 1998-12-01

<160> 13

<170> FastSEQ for Windows Version 4.0

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<211> 630

<212> DNA

<213> Hepatitis C Virus

<220>

<221> CDS

<222> (43)...(630)

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Met Ser Thr Asn

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gac gtt aag ttc ccg ggt ggc ggt cag atc gtt ggt gga gtt tac ttg
Asp Val Lys Phe Pro Gly Gly Gly Gln Ile Val Gly Gly Val Tyr Leu
25 30 35

ttg ccg cgc agg ggc cct aga ttg ggt gtg cgc gcg acg agg aag act Leu Pro Arg Arg Gly Pro Arg Leu Gly Val Arg Ala Thr Arg Lys Thr

40 45 50

tcc gag cgg tcg caa cct cga ggt aga cgt cag cct atc ccc aag gca 246 Ser Glu Arg Ser Gln Pro Arg Gly Arg Arg Gln Pro Ile Pro Lys Ala 55 60 65

cgt cgg ccc aag ggc agg aac tgg gct cag ccc ggg tat cct tgg ccc 294
Arg Arg Pro Lys Gly Arg Asn Trp Ala Gln Pro Gly Tyr Pro Trp Pro
70 75 80

ctc tat ggc aat gag ggt tgc ggg tgg gcg gga tgg ctc ctg tcc ccc 342 Leu Tyr Gly Asn Glu Gly Cys Gly Trp Ala Gly Trp Leu Leu Ser Pro 85 90 95 100

agt ggc tct cgg cct agt tgg ggc ccc aac gac ccc cga cgt agg tcg 390 Ser Gly Ser Arg Pro Ser Trp Gly Pro Asn Asp Pro Arg Arg Ser 105 110 cgc aat ttg ggt aag gtc atc gat acc ctt acg tgc ggc ttc gtc gat 438 Arg Asn Leu Gly Lys Val Ile Asp Thr Leu Thr Cys Gly Phe Val Asp 120 125 ctc atg ggg tac ata ccg ctc gtc ggc gcc cct ctt aga ggc gct gcc 486 Leu Met Gly Tyr Ile Pro Leu Val Gly Ala Pro Leu Arg Gly Ala Ala 135 140 145 agg gcc ctg gcg cat ggc gtc cgg gtt ctg gaa gac ggt gtg aac tat 534 Arg Ala Leu Ala His Gly Val Arg Val Leu Glu Asp Gly Val Asn Tyr 150 155 gca aca ggt aac ctt cct ggt tgc tct ttc tct atc ttc ctt ctg gcc 582 Ala Thr Gly Asn Leu Pro Gly Cys Ser Phe Ser Ile Phe Leu Leu Ala 170 ctg ctc tct tgc ctg act gtg ccc gct tca gcc tac caa gtg cgc aac 630 Leu Leu Ser Cys Leu Thr Val Pro Ala Ser Ala Tyr Gln Val Arg Asn 185 190 195 <210> 2 <211> 60 <212> DNA <213> Hepatitis C Virus <220> <221> CDS <222> (1) ... (60) <223> Corresponds to aa 125 to 144 of SEQ ID. No. 1 <400> 2 acc ctt acg tgc ggc ttc gtc gat ctc atg ggg tac ata ccg ctc gtc 48 Thr Leu Thr Cys Gly Phe Val Asp Leu Met Gly Tyr Ile Pro Leu Val 1 10 15 ggc gcc cct ctt 60 Gly Ala Pro Leu 20 <210> 3 <211> 18 <212> DNA <213> Hepatitis C Virus <220> <221> CDS <222> (1)...(18) <223> Corresponds to aa 161-166 of SEQ ID. No. 1

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<211> 1900
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<213> Human
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                                                                        120
acctgccctt ggtgagctcc acgtatgacc tcatgtcctc agcctatctc agtacaaagg
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                                                                        360
atcagecate aactcagatt gttgccaatg ccaaaggege tgtgactggg gcaaaagatg
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                                                                        540
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                                                                        900
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aggataagct ctacctctca tgggtagagt ggaaaaggag cattggatat gatgatactg
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atgagtecca etgtgetgag cacattgagt cacgtactet tgcaattgee egcaacetga
                                                                       1020
ctcagcagct ccagaccacg tgccacaccc tcctgtccaa catccaaggt gtaccacaga
                                                                       1080
acatecaaga teaageeaag cacatggggg tgatggeagg egacatetae teagtgttee
                                                                       1140
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                                                                       1380
                                                                       1440
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gaaattaact tgctaggcaa ccctaaattg ggaagcaagt agctagtata aaggccctca
                                                                       1500
                                                                       1560
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ctgttcacct ggtaagaaaa gaatgatagg cttgtcagag cctatagcca gaactcagaa
                                                                       1620
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gtattgaata aaaacatctt catgtgggct ggggtagaaa ctggtgtctg ctctggtgtg
                                                                       1740
                                                                       1800
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gtttttcatt tctcaaatag gaatactacc tttgaattca ataaaattca ctgcaggata
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<212> PRT
<213> Human
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<220>

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Leu Asp Asp Val Met Asp Tyr Leu Val Asn Asn Thr Pro Leu Asn Trp 385 390 395 400 Leu Val Gly Pro Phe Tyr Pro Gln Leu Thr Glu Ser Gln Asn Ala Gln 405 410 Asp Gln Gly Ala Glu Met Asp Lys Ser Ser Gln Glu Thr Gln Arg Ser 420 425 430 Glu His Lys Thr His 435 <210> 6 <211> 31 <212> PRT <213> Artificial Sequence <220> <223> A branched peptide containing residues 5-27 of the HCV core protein. <221> VARIANT <222> (1) ... (31) <223> Xaa = Ala or Pro at position 1, and Ile or Asn at postion 12. <400> 6 Xaa Lys Pro Gln Arg Lys Thr Lys Arg Asn Thr Xaa Arg Arg Pro Gln 10 Asp Val Lys Phe Pro Gly Gly Lys Lys Lys Lys Lys Lys Ala 20 25 <210> 7 <211> 11 <212> DNA <213> Artificial Sequence <220> <223> Oligonucleotides used to construct HCV core protein deletion plasmids. <400> 7 gctgagatct a 11 <210> 8 <211> 29 <212> DNA <213> Artificial Sequence <223> Oligonucleotides used to construct HCV core protein deletion plasmids. <400> 8 gtaaccttcc tggttgctct tgagatcta 29 <210> 9 <211> 17

- 5 -

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		<212> DNA		
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		<220>		
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